

# KSV Air Jet Nozzles



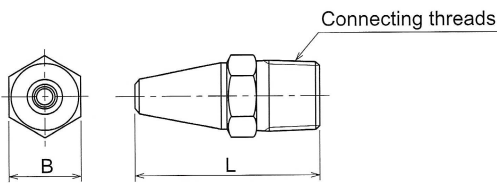
The KSV air jet nozzle's divergent internal structure provides exceptional air jet performance. Its primary applications are the removal of paper dust and the air purging of roll edges.

Its simple anti-clog structure and tapered nose minimises turbulent flow and air flow rate reduction.



## Construction

Can be constructed from SS303 (KSV), brass (KBV), and aluminium (KAV).

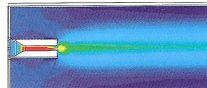


Model	Dimensions (mm)		Connecting threads	Weight (g)
	B	L		
1/4"KSV	14	34	R 1/4"	33
3/8"KSV	17	44	R 3/8"	55

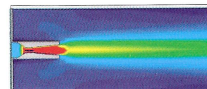
## Performance data

Minimum passage diameter =  $\phi$ 6mm; Pressure = 1 bar;  
Nozzle length = approx. 50mm

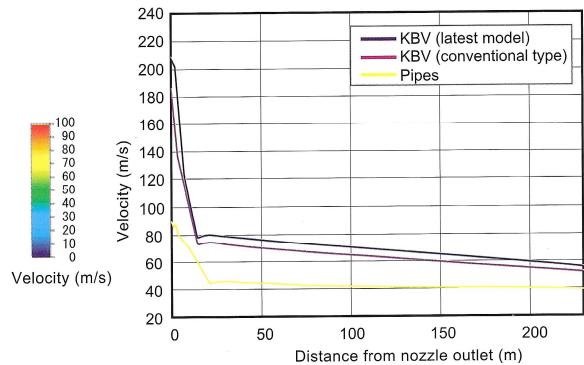
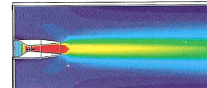
**Pipes** - Decreased air flow rate at nozzle outlet.



**KBV (conventional)** - Increased air flow rate



**KBV (latest model)** - Optimum air flow rate



Con-necting threads	Model			Model number	Orifice diame-ter (mm)	Air flow rate l/min @ MPa						
	KSV	KBV	KAV			0.1	0.2	0.3	0.4	0.5	0.6	0.7
1/4"		•	•	0300	1.75	48	72	72	120	143	167	191
		•	•	0400	2.04	64	96	96	159	191	223	254
		•	•	0500	2.26	80	120	120	199	239	278	318
		•	•	0700	2.68	113	168	168	279	334	390	445
	•	•	•	1000	3.22	161	240	240	398	478	557	636
3/8"	•	•	•	1400	3.80	225	336	447	558	669	780	890
	•	•	•	2000	4.56	322	480	639	797	955	1110	1270